

COST OF **Production**

- Farm Production Expenses
- Cost of Production
- Prices Paid

Farm production expenditures, 2003 ^{1/} - 2004.

Expenditure - farm share	Atlantic Region ^{2/}					United States ^{3/}				
	Average per farm ^{4/}		Total expenditures			Average per farm ^{4/}		Total expenditures		
	2003	2004	2003	2004	'04 % of '03	2003	2004	2003	2004	'04 % of '03
	(dollars)		(million dollars)		(pct.)	(dollars)		(million dollars)		(pct.)
Total farm production expenditures ^{5/ 6/}	66,667	73,372	29,570	32,060	108	94,542	99,983	200,500	210,700	105
Livestock, poultry and related expenses ^{7/}	5,749	5,950	2,550	2,600	102	8,723	9,016	18,500	19,000	103
Feed	13,031	14,418	5,780	6,300	109	12,967	14,236	27,500	30,000	109
Farm services ^{8/}	8,184	8,376	3,630	3,660	101	12,684	12,480	26,900	26,300	98
Rent ^{9/}	2,277	2,357	1,010	1,030	102	7,733	7,782	16,400	16,400	100
Agricultural chemicals ^{10/}	1,826	1,968	810	860	106	3,961	4,034	8,400	8,500	101
Fertilizer, lime and soil conditioners ^{10/}	2,457	2,678	1,090	1,170	107	4,715	5,410	10,000	11,400	114
Interest	2,728	2,517	1,210	1,100	91	4,385	4,223	9,300	8,900	96
Taxes (real estate and property)	2,142	2,289	950	1,000	105	3,206	3,322	6,800	7,000	103
Labor	8,049	8,422	3,570	3,680	103	10,279	10,914	21,800	23,000	106
Fuels	2,074	2,678	920	1,170	127	3,159	3,796	6,700	8,000	119
Farm Supplies and repairs ^{11/}	3,945	4,920	1,750	2,150	123	5,187	5,505	11,000	11,600	105
Farm improvements and construction ^{12/ 13/}	5,073	6,568	2,250	2,870	128	5,564	5,979	11,800	12,600	107
Tractors and self-propelled farm machinery	2,818	3,433	1,250	1,500	120	3,301	4,128	7,000	8,700	124
Other farm machinery	1,623	1,625	720	710	99	1,839	2,040	3,900	4,300	110
Seeds and plants ^{14/}	2,976	2,815	1,320	1,230	93	4,432	4,508	9,400	9,500	101
Trucks and autos	1,488	1,968	660	860	130	2,122	2,278	4,500	4,800	107

^{1/} Revised. ^{2/} Atlantic: CT, DE, KY, ME, MD, MA, NH, NJ, NY, NC, PA, RI, TN, VA, VT, WV. ^{3/} Excludes AK and HI. ^{4/} Total expenditures divided by total number of farms. ^{5/} Total includes miscellaneous production expenses not allocated to any of the 16 expense categories published. Therefore, the sum of individual expenditure items will not add to totals. ^{6/} Includes landlord and contractor share of farm production expenses. ^{7/} Includes purchases and leasing of livestock and poultry. ^{8/} Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities. ^{9/} Includes public and private grazing fees. ^{10/} Includes material and application costs. ^{11/} Includes bedding and litter, marketing containers, power farm shop equipment, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry. ^{12/} Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land. ^{13/} Changed to include operator dwelling expenses (if dwelling is owned by operation) in 2003. ^{14/} Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.

Cow-calf production costs and returns, 2002 - 2003^{1/}.

Item	United States		Heartland		Eastern Uplands	
	2002	2003	2002	2003	2002	2003
(dollars per bred cow)						
Gross value of production:						
Steer calves	\$145.50	\$160.34	\$171.63	\$187.53	\$128.40	\$139.70
Heifer calves	90.47	99.85	115.41	126.15	102.45	111.63
Yearling steers	95.27	110.56	34.99	40.79	51.26	56.74
Yearling heifers	41.16	48.10	10.80	12.55	22.72	25.03
Other cattle	74.85	87.20	64.53	75.11	59.60	69.52
Total, gross value of production ^{2/}	453.37	512.32	401.63	446.51	371.40	409.73
Operating costs:						
Purchased cattle for backgrounding	62.08	71.99	23.32	26.60	38.98	43.52
Feed:						
Concentrates and other feed	25.15	26.40	26.80	26.86	23.64	24.27
Supplemental feed	19.67	20.65	39.80	41.96	14.48	14.58
Harvested forages	140.80	133.23	200.89	189.51	188.70	203.24
Cropland pasture	14.11	14.28	13.21	13.36	2.98	3.01
Private pasture	102.79	102.97	74.48	76.01	64.65	65.71
Public land	2.53	2.32	0.36	0.35	0.45	0.46
Total, feed costs	\$305.05	\$299.85	\$355.54	\$348.05	\$294.90	\$311.27
Other:						
Veterinary and medicine	22.52	23.10	38.48	39.47	16.25	16.58
Bedding and litter	0.43	0.44	1.34	1.37	0.63	0.64
Marketing	6.12	6.27	4.27	4.38	6.97	7.11
Custom operations	31.52	32.27	40.18	41.12	26.98	27.63
Fuel, lube, and electricity	19.08	19.10	16.16	16.16	15.65	15.66
Repairs	26.21	26.89	29.24	29.96	25.91	26.48
Interest on operating inputs	3.95	2.48	4.40	2.76	3.73	2.35
Total, operating costs	\$476.96	\$482.39	\$512.93	\$509.87	\$430.00	\$451.24
Allocated overhead:						
Hired labor	3.66	3.83	0.61	0.64	3.31	3.55
Opportunity cost of unpaid labor	254.04	257.95	219.85	230.47	166.37	169.89
Capital recovery of machinery and equipment ^{3/}	142.23	142.38	280.58	281.21	195.21	195.22
Opportunity cost of land	2.45	2.47	5.55	5.72	2.29	2.37
Taxes and insurance	33.67	34.27	44.22	44.94	32.65	33.24
General farm overhead	61.72	63.15	84.08	85.88	55.21	56.13
Total, allocated overhead	\$497.77	\$504.05	\$634.89	\$648.86	\$455.04	\$460.40
Total, costs listed	\$974.73	\$986.44	\$1,147.82	\$1,158.73	\$885.04	\$911.64
Value of production less total costs listed	-521.36	-474.12	-746.19	-712.22	-513.64	-501.91
Value of production less operating costs	-23.59	29.93	-111.30	-63.36	-58.60	-41.51
Supporting information:						
Bred cows (head) ^{1/}	83	83	51	51	50	50
Calves weaned (head) ^{1/}	71	71	45	45	38	38
Calving season (percent of ranches) ^{1/}:						
One	49	49	65	65	19	19
Two	13	13	9	9	23	23
None set	38	38	26	26	58	58
Cost of homegrown harvested forages (percent of total cost) ^{1/ 4/}	84	84	94	94	87	87
Cost of pasture owned:						
Private pasture (percent of total cost) ^{1/ 5/}	72	72	72	72	87	87
Cropland pasture (percent of total cost) ^{1/ 5/}	80	80	76	76	96	96

Economic Research Service is publishing regional estimates using resource regions conforming with the standards recommended by the American Agricultural Economics Association (AAEA) Task Force on Commodity Costs and Returns. **Western Kentucky is in the Heartland region, while Eastern Kentucky is in the Eastern Uplands.**

^{1/} Developed from survey base year, 1996. ^{2/} Includes marketing costs below to avoid double counting. Market prices used to update the gross value of production are net of marketing costs. ^{3/} Machinery and equipment, and housing, manure handling, and feed storage structures, and breeding herd. ^{4/} Percent of total harvested forage cost from charge for homegrown forages. Homegrown forages are charged at their market price to reflect the opportunity cost of using the forages in cow-calf production. ^{5/} Percent of total pasture cost from charge on owned pasture. Owned pasture is charged a pasture rental rate to reflect the opportunity cost of using the pasture in cow-calf production.

Hog production costs and returns, 2002 - 2003^{1/}

Item	United States		Heartland		Eastern Uplands	
	2002	2003	2002	2003	2002	2003
	(dollars per cwt. gain) ^{2/}					
Gross value of production:						
Market hogs	\$32.50	\$36.20	\$32.90	\$36.29	\$26.04	\$29.21
Feeder pigs	11.24	12.36	9.10	10.16	16.19	16.17
Cull stock	0.89	1.07	0.84	0.99	1.85	2.54
Breeding stock	0.66	0.81	0.36	0.44	3.22	4.50
Inventory change	0.42	0.78	-0.07	0.00	-2.37	0.04
Other income ^{3/}	1.32	1.52	1.48	1.72	1.06	1.27
Total, gross value of production	\$47.03	\$52.74	\$44.61	\$49.60	\$45.99	\$53.73
Operating costs:						
Feed						
Grain	6.23	5.88	8.08	7.65	5.63	5.74
Protein sources	4.68	4.90	6.40	6.64	2.57	3.09
Complete mixes	10.43	11.09	7.96	8.27	12.30	12.73
Other feed items ^{4/}	0.18	0.18	0.22	0.22	0.87	1.08
Total, feed costs	\$21.52	\$22.05	\$22.66	\$22.78	\$21.37	\$22.64
Other:						
Feeder pigs	12.99	14.38	11.37	12.61	7.62	7.70
Veterinary and medicine	1.08	1.10	1.19	1.21	1.22	1.18
Bedding and litter	0.03	0.03	0.04	0.04	0.03	0.04
Marketing	1.04	1.07	0.64	0.66	1.57	1.63
Custom services	0.41	0.42	0.32	0.33	0.15	0.16
Fuel, lube, and electricity	1.17	1.45	1.27	1.58	1.69	2.02
Repairs	0.79	0.79	0.91	0.91	1.07	1.10
Other operating costs ^{5/}	0.04	0.04	0.03	0.04	0.08	0.08
Interest on operating capital	0.33	0.22	0.32	0.21	0.29	0.19
Total, operating costs	\$39.40	\$41.55	\$38.75	\$40.37	\$35.09	\$36.74
Allocated overhead:						
Hired labor	2.55	2.70	2.61	2.80	2.78	3.03
Opportunity cost of unpaid labor	4.91	4.92	5.70	5.72	10.00	10.70
Capital recovery of machinery and equipment ^{6/}	10.53	10.69	10.86	10.99	12.95	13.41
Opportunity cost of land (rental rate)	0.05	0.05	0.05	0.05	0.09	0.09
Taxes and insurance	0.45	0.45	0.49	0.49	0.78	0.72
General farm overhead	0.99	1.00	1.03	1.05	1.14	1.19
Total, allocated overhead	\$19.48	\$19.81	\$20.74	\$21.10	\$27.74	\$29.14
Total, costs listed	\$58.88	\$61.36	\$59.49	\$61.47	\$62.83	\$65.88
Value of production less total costs listed	-11.85	-8.62	-14.88	-11.87	-16.84	-12.15
Value of production less operating costs	7.63	11.19	5.86	9.23	10.90	16.99
Supporting information:						
Production arrangement (% of production)						
Independent	57	57	71	70	42	48
Under contract	43	43	29	30	58	52
Size of operation (head sold/removed)						
Market hogs	2,126	2,202	1,852	1,924	1,015	954
Feeder pigs	1,545	1,609	1,045	1,112	1,725	1,594

Economic Research Service is publishing regional estimates using resource regions conforming with the standards recommended by the American Agricultural Economics Association (AAEA) Task Force on Commodity Costs and Returns. **Western Kentucky is in the Heartland region, while Eastern Kentucky is in the Eastern Uplands.**

1/ Developed from survey base year, 1998. 2/ Cwt gain = (cwt sold - cwt purchased) + cwt inventory change. 3/ Value of manure production.

4/ Milk replacer, milk, milk by-products, antibiotics, and other medicated additives. 5/ Costs for odor control and fees, permits, licenses, and other regulatory costs.

6/ Machinery and equipment, and housing, manure handling, and feed storage structures, and breeding herd.

Corn production costs and returns, 2002 - 2003^{1/2/}.

Item	United States		Heartland		Eastern Uplands	
	2002	2003	2002	2003	2002	2003
	(dollars per planted acre)					
Gross value of production:						
Primary product: Corn grain	\$310.88	\$317.37	\$326.60	\$329.70	\$172.19	\$225.40
Secondary product: Corn silage	1.94	2.25	1.33	1.36	15.78	30.54
Total, gross value of production	\$312.82	\$319.62	\$327.93	\$331.06	\$187.97	\$255.94
Operating costs:						
Seed	31.84	34.83	31.60	34.89	29.67	35.02
Fertilizer	35.49	43.41	37.24	45.00	37.10	45.57
Soil conditioners	0.12	0.13	0.09	0.09	0.75	0.71
Manure	2.13	2.47	1.37	1.60	2.57	3.16
Chemicals	26.11	26.20	26.22	26.50	23.48	24.74
Custom operations ^{3/}	10.79	11.17	9.69	10.09	7.79	9.68
Fuel, lube, and electricity	18.93	23.06	15.28	18.81	6.86	10.54
Repairs	13.91	14.22	12.35	12.63	10.09	10.95
Purchased irrigation water	0.22	0.22	0.00	0.00	0.00	0.00
Interest on operating capital	1.17	0.82	1.13	0.79	1.00	0.74
Total, operating costs	\$140.71	\$156.53	\$134.97	\$150.40	\$119.31	\$141.11
Allocated overhead:						
Hired labor	3.06	3.14	2.19	2.30	3.92	4.22
Opportunity cost of unpaid labor	25.74	26.53	23.03	23.79	47.54	48.46
Capital recovery of machinery and equipment ..	55.26	56.67	51.87	53.06	44.05	47.79
Opportunity cost of land (rental rate)	87.44	89.20	98.83	100.28	48.67	50.12
Taxes and insurance	5.42	5.54	5.07	5.19	6.07	6.20
General farm overhead	11.91	12.17	10.69	10.93	12.22	12.53
Total, allocated overhead	\$188.83	\$193.25	\$191.68	\$195.55	\$162.47	\$169.32
Total, costs listed	\$329.54	\$349.78	\$326.65	\$345.95	\$281.78	\$310.43
Value of production less total costs listed	- 16.72	- 30.16	1.28	- 14.89	- 93.81	- 54.49
Value of production less operating costs	\$172.11	\$163.09	\$192.96	\$180.66	\$68.66	\$114.83
Supporting information:						
Yield (bushels per planted acre)	134	149	142	157	67	98
Price (dollars per bushel at harvest)	2.32	2.13	2.30	2.10	2.57	2.30
Enterprise size (planted acres) ^{1/}	236	236	270	270	72	72
Production practices: ^{1/}						
Irrigated (percent)	14	14	5	5	1	1
Dryland (percent)	86	86	95	95	99	99

Economic Research Service is publishing regional estimates using resource regions conforming with the standards recommended by the American Agricultural Economics Association (AAFA) Task Force on Commodity Costs and Returns. **Western Kentucky is in the Heartland region, while Eastern Kentucky is in the Eastern Uplands.**

1/ Developed from survey base year, 2001. 2/ Excludes government payments. 3/ Cost of custom operations, technical services, and commercial drying.

Soybean production costs and returns, 2002 - 2003^{1/2/}

Item	United States		Heartland		Eastern Uplands	
	2002	2003	2002	2003	2002	2003
	(dollars per planted acre)					
Gross value of production:						
Primary product: Soybeans	\$210.64	\$233.61	\$225.59	\$237.02	\$157.71	242.83
Total, gross value of production	\$210.64	\$233.61	\$225.59	\$237.02	\$157.71	\$242.83
Operating costs:						
Seed	25.45	27.42	25.72	27.78	22.76	25.03
Fertilizer	6.79	7.39	6.47	6.87	12.24	13.49
Soil conditioners	0.11	0.12	0.09	0.09	0.36	0.35
Manure	0.40	0.46	0.41	0.48	0.16	0.18
Chemicals	17.12	16.92	17.29	17.40	16.52	15.79
Custom operations	6.16	6.32	5.35	5.48	6.16	6.31
Fuel, lube, and electricity	6.98	8.73	5.72	7.16	5.24	7.13
Repairs	9.76	9.77	8.62	8.73	7.85	7.86
Purchased irrigation water	0.12	0.12	0.00	0.00	0.00	0.00
Interest on operating capital	0.61	0.41	0.59	1.39	0.62	0.44
Total, operating costs	\$73.50	\$77.66	\$70.26	\$75.38	\$71.91	\$76.58
Allocated overhead:						
Hired labor	1.84	1.90	1.19	1.24	1.92	1.95
Opportunity cost of unpaid labor	15.59	16.11	14.57	15.09	16.41	16.93
Capital recovery of machinery and equipment ..	43.30	43.43	40.22	40.68	38.40	38.54
Opportunity cost of land (rental rate)	80.74	81.93	94.12	95.93	53.62	55.11
Taxes and insurance	5.66	5.80	5.75	5.89	3.77	3.85
General farm overhead	11.37	11.66	11.81	12.10	7.42	7.54
Total, allocated overhead	\$158.50	\$160.83	\$167.66	\$170.93	\$121.54	\$123.92
Total, costs listed	\$232.00	\$238.49	\$237.92	\$246.31	\$193.45	\$200.50
Value of production less total costs listed	-21.36	-4.88	-12.33	-9.29	-35.74	42.33
Value of production less operating costs	137.14	155.95	155.33	161.64	85.80	166.25
Supporting information:						
Yield (bushels per planted acre)	40	36	43	36	29	37
Price (dollars per bushel at harvest)	5.20	6.56	5.19	6.57	5.47	6.82
Enterprise size (planted acres) ^{1/}	268	268	280	280	171	171
Production practices: ^{1/}						
Irrigated (percent)	9	9	5	5	8	8
Dryland (percent)	91	91	95	95	92	92

Economic Research Service is publishing regional estimates using resource regions conforming with the standards recommended by the American Agricultural Economics Association (AAFA) Task Force on Commodity Costs and Returns. **Western Kentucky is in the Heartland region, while Eastern Kentucky is in the Eastern Uplands.**

^{1/} Developed from survey base year, 2002. ^{2/} Excludes government payments.

Prices paid by farmers for commodities used in production, United States, April 2003 - 2005.

Commodity and unit	2003	2004	2005	Commodity and unit	2003	2004	2005
		(dollars)				(dollars)	
FEED:				FARM MACHINERY:			
Poultry Feed, per ton ^{1/}				Baler, Square, Pick-Up, Automatic tie, PTO			
Broiler Grower	234.00	278.00	237.00	Conventional size bales under 200 lb. .	17,300	17,400	18,200
Chick Starter	241.00	299.00	268.00	Round, 1200-1500 lb. bale	18,300	19,500	20,300
Laying Feed	232.00	249.00	226.00	Round, 1900-2200 lb. bale	25,600	27,000	28,200
Turkey Grower	279.00	315.00	315.00	Combine, self-propelled			
Dairy Feed, per ton				with grain head			
14% protein ^{1/}	183.00	200.00	220.00	Extra-large capacity	196,000	218,000	232,000
16% protein ^{1/}	200.00	218.00	197.00	Large capacity	159,000	180,000	192,000
18% protein ^{1/}	207.00	229.00	206.00	Corn Head for Combine,			
20% protein ^{1/}	201.00	233.00	206.00	6 row	25,900	27,400	28,900
32-38% protein conc., per ton	311.00	381.00	331.00	8 row	33,900	35,900	37,700
Hog Feed, per ton,				Disk Harrow, tandem, drawn with			
14 - 18% protein ^{1/ 2/}	223.00	256.00	219.00	hydraulic lift, transport wheels, tires			
Hog Concentrate, per ton,				15-17 ft.	15,200	14,300	15,700
38 - 42% protein	322.00	415.00	398.00	18-20 ft.	19,300	19,400	21,600
Beef Cattle Concentrate, per ton,				Feed Grinder-Mixer, trailer			
32 - 36% protein	290.00	342.00	316.00	mounted, PTO	15,600	16,800	18,900
Alfalfa Meal, per cwt.	15.00	14.90	15.40	Field Cultivator, mounted or drawn			
Alfalfa Pellets, per cwt.	15.30	15.20	15.20	17-19 ft.	11,600	12,400	14,400
Bran, per cwt.	13.70	14.80	15.00	20-25 ft., flexible	15,900	17,500	19,600
Corn Meal, per cwt.	9.90	9.84	9.57	Forage Harvester, PTO, shear bar			
Soybean Meal, per cwt., 44% protein .	14.50	19.60	16.10	type, Class II or III			
Cottonseed Meal, per cwt., 41% protein .	16.60	18.40	17.20	With pick-up attachment	31,600	32,700	33,400
Molasses, per cwt. (liquid)	13.30	14.20	14.80	With row crop unit, 2-row	35,900	35,000	35,400
Stock Salt, per 50 lbs.	4.30	4.53	4.78	Forage Harvester, self propelled,			
Trace Mineral Blocks, per 50 lbs.	5.40	5.53	5.52	shear bar type, 4-6 row crop	232,000	242,000	257,000
				Front-End Loader, hydraulic,			
				tractor mounted, 1800-2500 lb.			
				capacity, 60 in. bucket	5,000	5,150	5,450
				Grain Drill, most common spacing			
				Plain, 15-17 openers	14,000	14,500	16,800
				With fertilizer attachment,			
				20-24 openers	18,600	19,800	19,000
				Min/no-till, w/fert. attach., 15 ft.	27,600	29,400	30,500
				Hayrake,			
				Side Delivery or Wheel Rake			
				Traction Drive, 8-12 ft.			
				working width	5,200	5,380	5,940
				Hay Tedder, 15-18 ft.	4,900	5,130	5,380
				Manure Spreader, conveyor type,			
				PTO, 2-wheel, tires			
				141-190 bushel capacity	6,760	7,210	7,790
				225-300 bushel capacity	10,100	10,900	11,900
				Mower-Conditioner, PTO, pull type,			
				8-10 ft. sickle (cutter) bar or disc	14,400	14,800	15,900

more ...

^{1/} Complete ration feed, fed without mixing or supplementation. ^{2/} Excluding pig starter. ^{3/} Excludes State road taxes and federal excise tax. ^{4/} Excludes federal excise tax.
^{5/} Biotech varieties are made to be resistant to herbicides, insects, or both.

Prices paid by farmers, *continued.*

Commodity and unit	2003	2004	2005	Commodity and unit	2003	2004	2005
		(dollars)				(dollars)	
Mower, mounted or drawn,				Nitrogen Solutions, per ton			
7-8 ft. sickle (cutter) bar	4,980	5,040	5,320	28% N	166.00	179.00	218.00
13-14 ft. sickle (cutter) bar	14,000	15,400	16,300	32% N	184.00	197.00	243.00
Planter, row crop, with				Superphosphate, 44-46%			
fertilizer attachment				P ₂ O ₅ , per ton	243.00	266.00	299.00
4 row	15,200	16,100	16,900	Urea 44-46%, per ton	261.00	276.00	332.00
8 row	30,000	32,000	31,400				
24 row	95,700	102,000	108,000	FUNGICIDES:			
12 row, conservation for				Captan, 50% WP, per lb.	3.50	3.52	3.65
no-till conditions	52,400	53,100	57,900	Mancozeb (Dithane M-45, 80% WP			
Rotary Cutter, 7-8 ft.	3,130	3,480	3,470	or Manzate, 75% DF), per lb.	3.00	3.03	3.00
Sprayer, Field Crop, power, boom type,				Sulfur 95% WP, per lb.	0.32	0.34	0.37
(excluding self-propelled and orchard)							
Tractor Mounted, w/300 gal.				HERBICIDES: (per gallon except as noted)			
spray tank	5,890	5,850	7,320	2,4-D, 4#/Gal EC	15.20	15.20	15.90
Trailer Type, w/500-700 gal.				Alachlor (Lasso), 4#/Gal EC	24.50	24.50	25.70
spray tank	13,100	13,300	15,100	Atrazine (AAtrex), 4#/Gal L	12.30	12.20	12.40
Tractor, 2-wheel drive				Bentazon (Basagran), 4#/Gal EC	83.70	84.20	85.20
30 - 39 PTO horsepower	16,000	16,100	16,700	Cyanazine (Bladex), 4#/Gal EC	32.90	32.90	31.30
50 - 59 PTO horsepower	21,300	21,500	23,400	Glyphosate (Roundup), 4#/Gal EC	43.30	39.70	33.80
70 - 89 PTO horsepower	33,600	33,900	36,800	Metolachlor (Dual), 8#/Gal EC	104.00	106.00	108.00
110 - 129 PTO horsepower	63,800	65,700	68,500	Metribuzin (Lexone or Sencor),			
140 - 159 PTO horsepower	84,100	86,900	91,900	75% DF, per lb.	20.80	21.70	22.80
190 - 220 PTO horsepower	116,000	121,000	126,000	Paraquat (Gramoxone Extra),			
Wagon, Gravity Unload, running gear,				2.5#/Gal EC, per lb.	40.70	42.40	43.80
tires, w/box, w/o side extensions,				Trifluralin (Treflan), 4#/Gal EC	24.40	23.10	21.60
200-400 bu. cap.	4,200	4,570	5,350				
Wagon, Running Gear, w/o box,				INSECTICIDES: (per gallon except as noted)			
8-10 ton cap.	1,720	1,810	2,060	Carbaryl, (Sevin), 80% S,			
				SP, or WP, per lb.	5.50	5.85	5.85
FERTILIZERS:				Carbofuran (Furadan), 4F	79.30	80.60	85.40
Commercial Fertilizer, per ton				Chlorpyrifos (Lorsban), 4#/Gal EC	41.30	41.30	38.70
0-18-36	188.00	208.00	258.00	Cyfluthrin (Baythroid), 2#/Gal EC	388.00	362.00	379.00
0-20-20	200.00	220.00	248.00	Imidacloprid (Admire, Provado)			
5-10-15	179.00	186.00	233.00	1.6-2#/Gal EC	573.00	578.00	577.00
5-20-20	191.00	207.00	247.00	Malathion, 5#/Gal EC	28.50	29.60	30.00
6-12-12	169.00	209.00	223.00	Synthetic Pyrethroids (Pounce,			
6-24-24	227.00	248.00	287.00	Ambush), 2-3.2 #/Gal EC	133.00	130.00	124.00
10-10-10	186.00	202.00	235.00	Zeta-Cypermethrin (Fury),			
13-13-13	212.00	229.00	265.00	1.5 #/Gal EC	202.00	204.00	215.00
15-15-15	235.00	257.00	288.00				
18-46-0 (DAP)	250.00	276.00	303.00				
19-19-19	237.00	256.00	304.00				
Ammonium Nitrate, per ton	243.00	263.00	292.00				
Anhydrous Ammonia, per ton	373.00	379.00	416.00				
Limestone, Spread, per ton	19.40	21.10	20.70				
Muriate of Potash, 60-62% K ₂ O,							
per ton	165.00	181.00	245.00				
Nitrate of Soda	278.00	308.00	323.00				